

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061815\
 Data File : BM001729.D
 Acq On : 17 Jun 2015 21:51
 Operator : TP/IZ
 Sample : SSTD1.608
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.608

Quant Time: Jun 18 04:24:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 04:21:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1076	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	3869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1852	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	3852	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	3472	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	2915	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	7551	1.55	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	13343	1.59	ng/ul	0.00

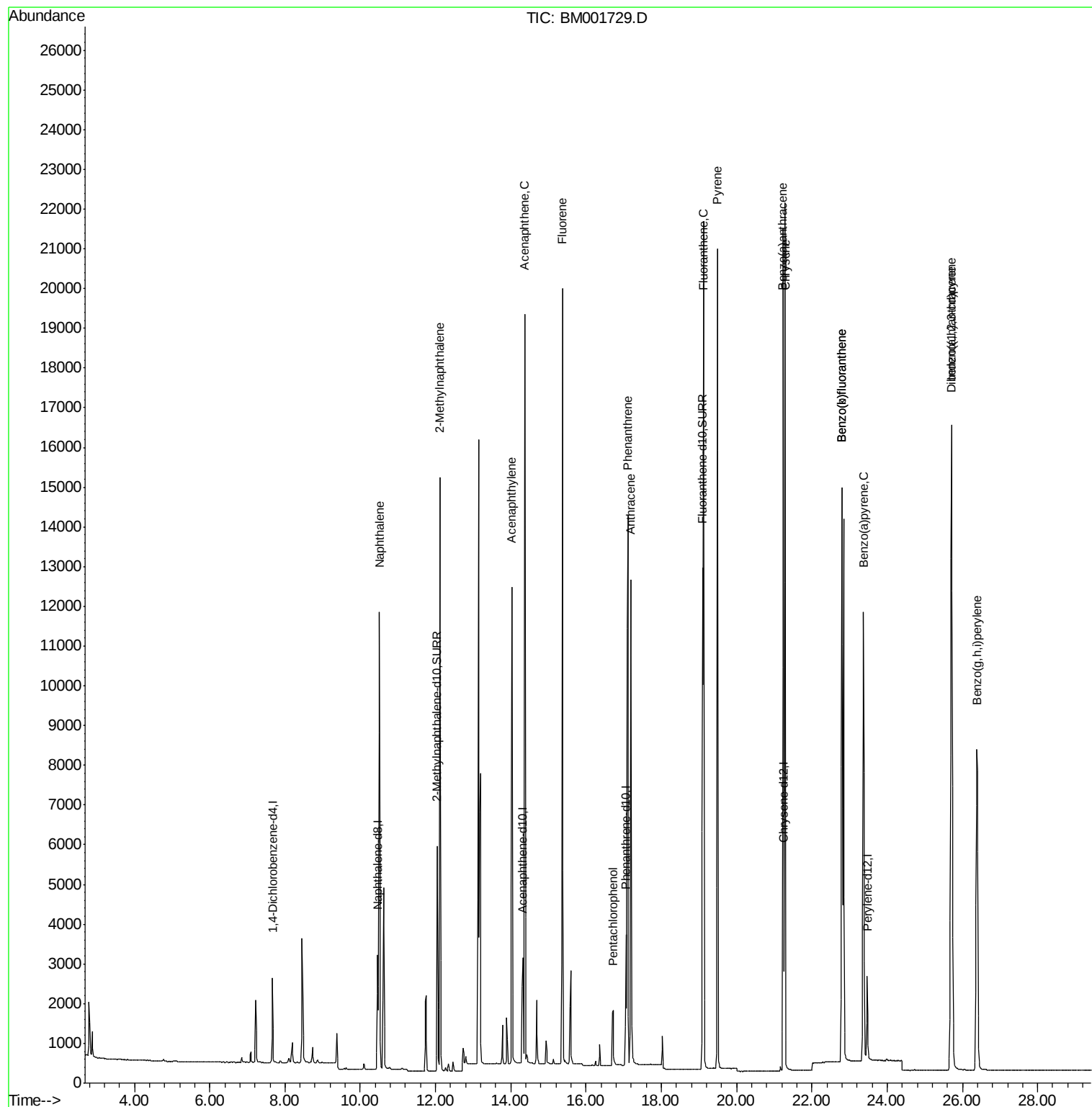
Target Compounds						Qvalue
3) Naphthalene	10.50	128	16144	1.64	ng/ul	96
5) 2-Methylnaphthalene	12.12	142	10493	1.63	ng/ul	99
7) Acenaphthylene	14.03	152	14518	1.74	ng/ul	96
8) Acenaphthene	14.37	153	10762	1.65	ng/ul	99
9) Fluorene	15.37	166	12279	1.69	ng/ul	97
11) Pentachlorophenol	16.72	266	1371	1.63	ng/ul	100
12) Phenanthrene	17.11	178	18387	1.66	ng/ul	97
13) Anthracene	17.18	178	17336	1.70	ng/ul	97
15) Fluoranthene	19.12	202	20655	1.70	ng/ul	88
17) Pyrene	19.48	202	20666	1.52	ng/ul#	92
18) Benzo(a)anthracene	21.23	228	17375	1.61	ng/ul	98
19) Chrysene	21.29	228	18538	1.54	ng/ul	97
21) Benzo(b)fluoranthene	22.80	252	17570	1.65	ng/ul	94
22) Benzo(k)fluoranthene	22.80	252	17570	1.62	ng/ul	93
23) Benzo(a)pyrene	23.37	252	16253	1.61	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.71	276	18721	1.68	ng/ul	99
25) Dibenzo(a,h)anthracene	25.72	278	15289	1.72	ng/ul	95
26) Benzo(g,h,i)perylene	26.38	276	16105	1.63	ng/ul	97

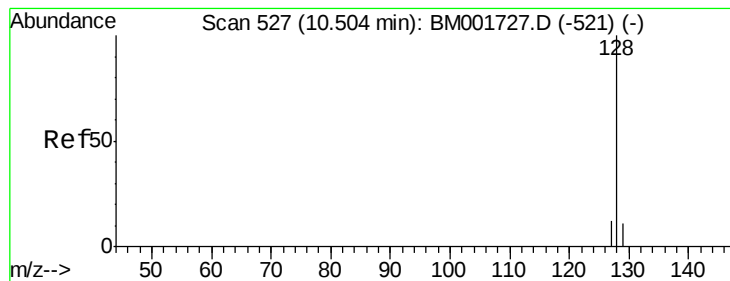
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.64 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD1.608

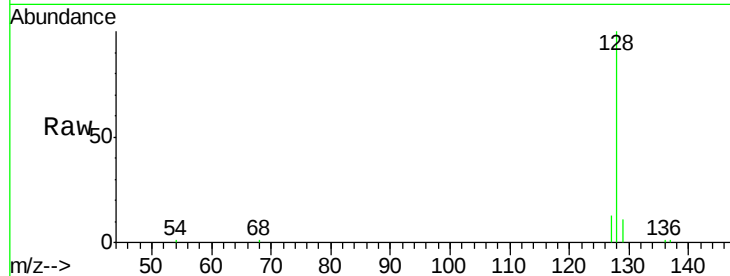
Tgt Ion:128 Resp: 16144

Ion Ratio Lower Upper

128 100

129 11.5 10.3 15.5

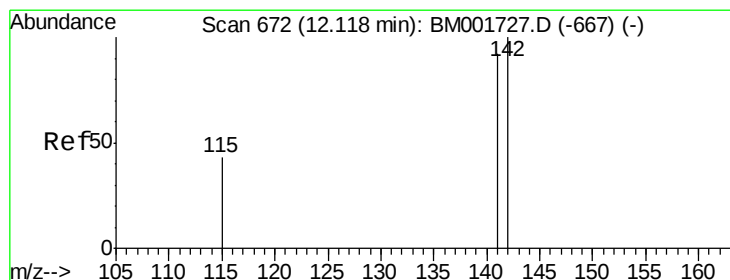
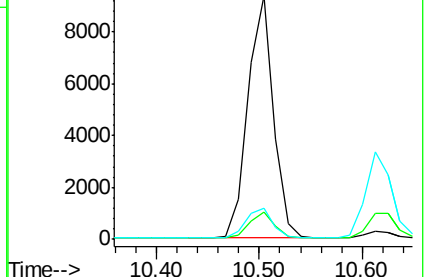
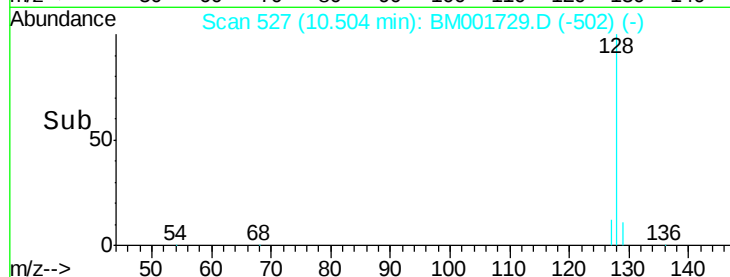
127 12.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.63 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001729.D

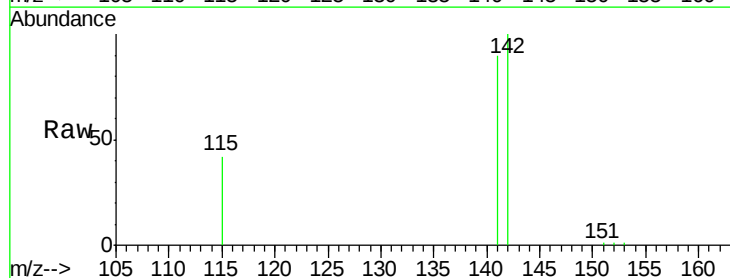
Acq: 17 Jun 2015 21:51

Tgt Ion:142 Resp: 10493

Ion Ratio Lower Upper

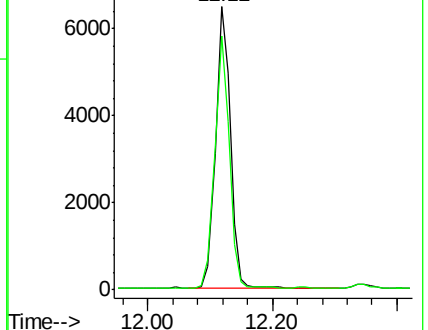
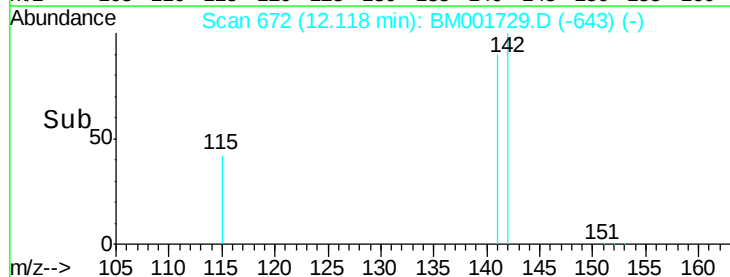
142 100

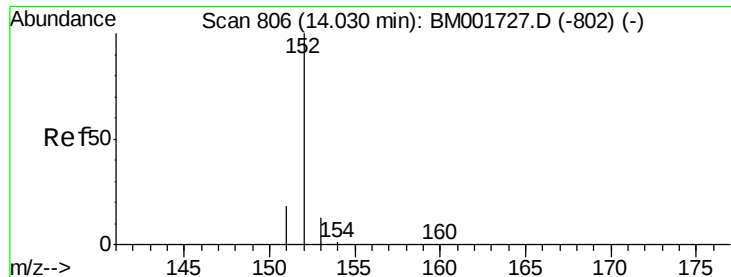
141 88.0 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.74 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD1.608

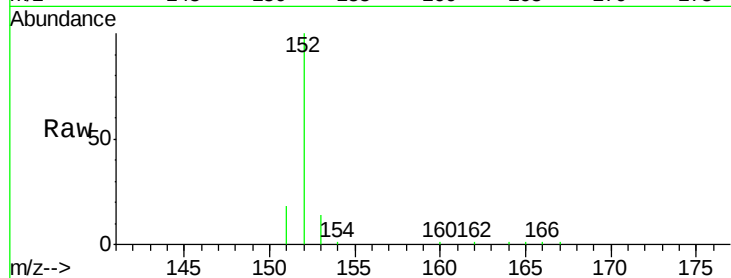
Tgt Ion:152 Resp: 14518

Ion Ratio Lower Upper

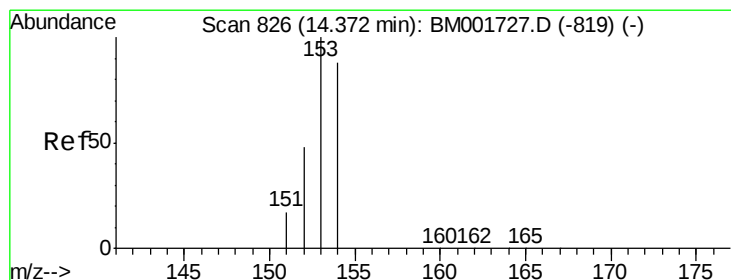
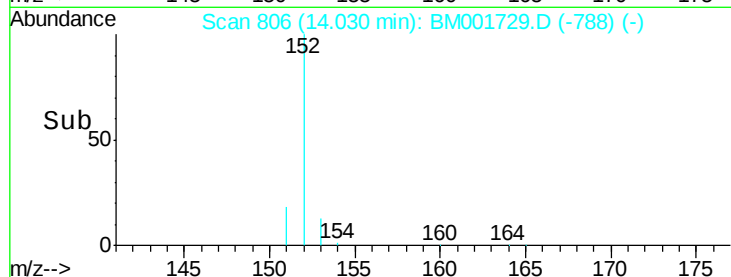
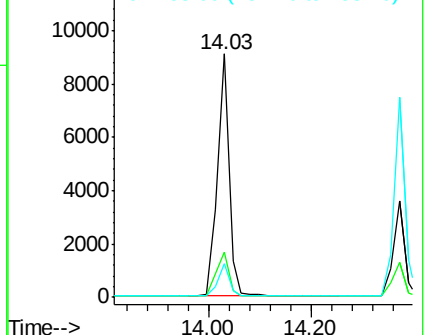
152 100

151 18.5 16.2 24.4

153 13.7 12.2 18.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.65 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

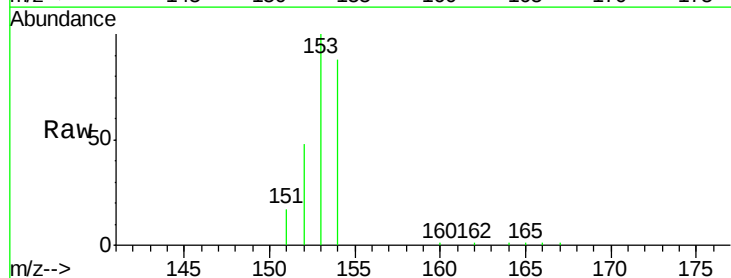
Tgt Ion:153 Resp: 10762

Ion Ratio Lower Upper

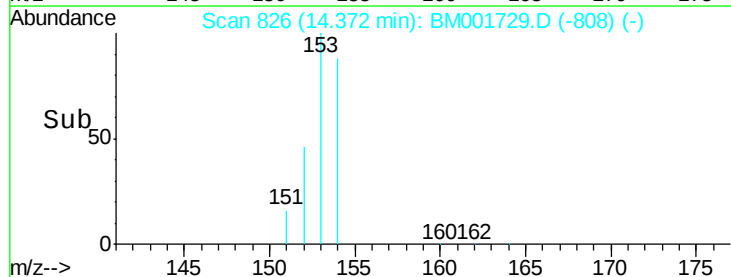
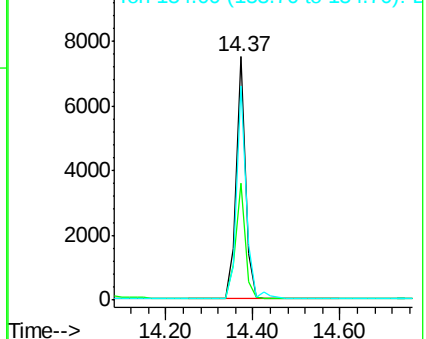
153 100

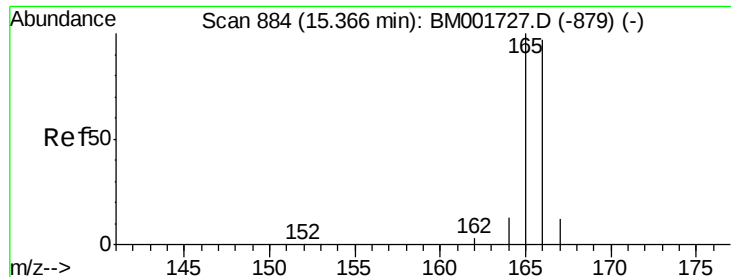
152 48.1 39.6 59.4

154 88.0 70.7 106.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

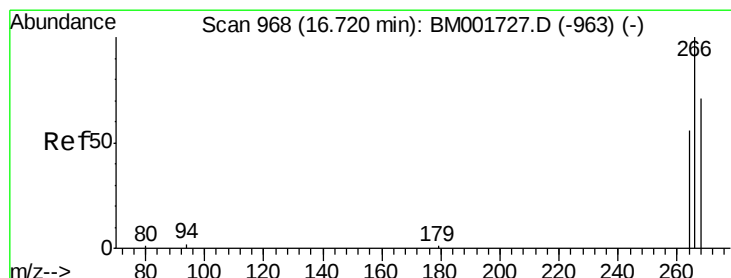
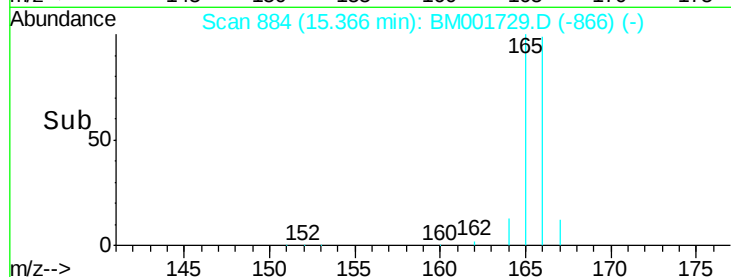
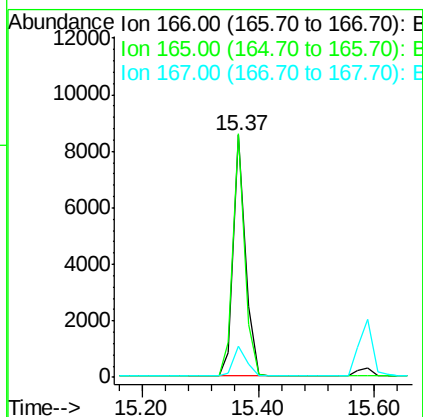
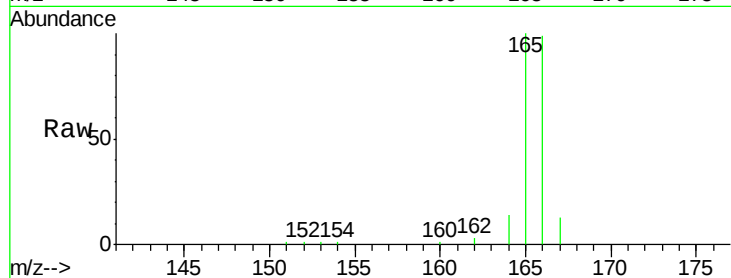




#9
Fluorene
 Concen: 1.69 ng/ul
 RT: 15.37 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BM001729.D
 Acq: 17 Jun 2015 21:51

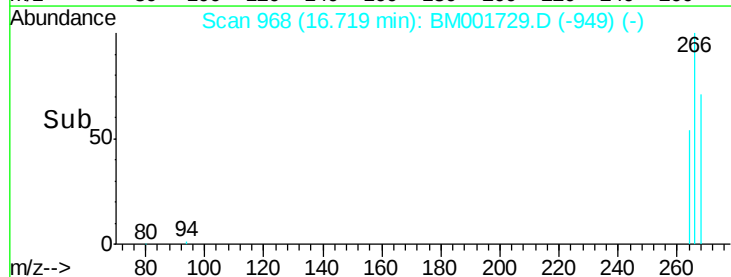
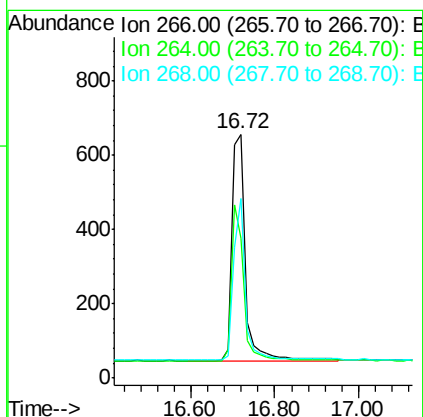
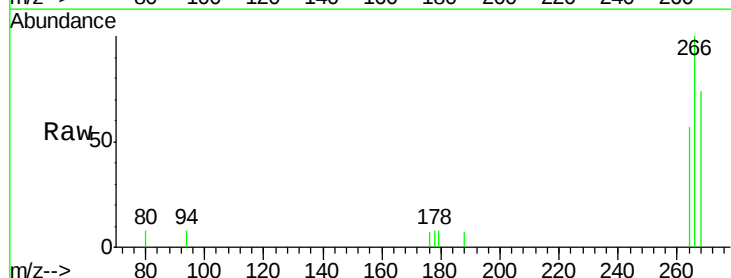
Instrument :
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 SSTD1.608

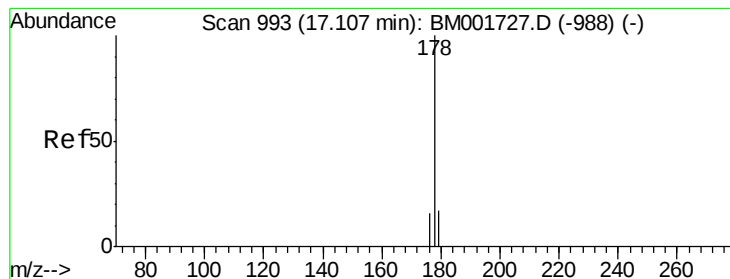
Tgt Ion:166 Resp: 12279
 Ion Ratio Lower Upper
 166 100
 165 100.6 82.2 123.4
 167 12.9 11.9 17.9



#11
Pentachlorophenol
 Concen: 1.63 ng/ul
 RT: 16.72 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM001729.D
 Acq: 17 Jun 2015 21:51

Tgt Ion:266 Resp: 1371
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.7 76.1
 268 62.9 50.5 75.7





#12

Phenanthrene

Concen: 1.66 ng/ul

RT: 17.11 min Scan# 993

Delta R.T. -0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD1.608

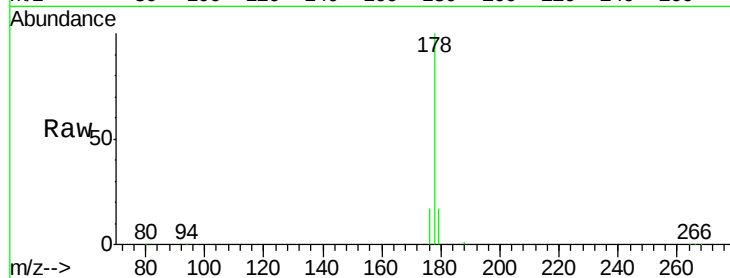
Tgt Ion:178 Resp: 18387

Ion Ratio Lower Upper

178 100

176 16.6 14.6 21.8

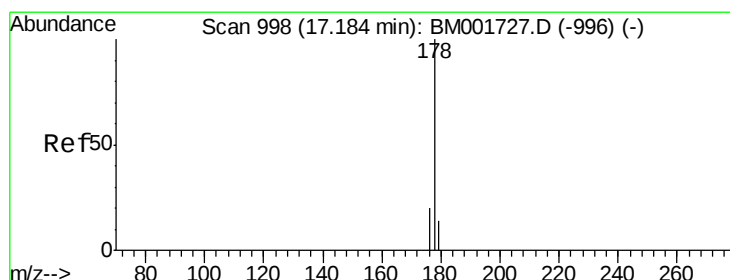
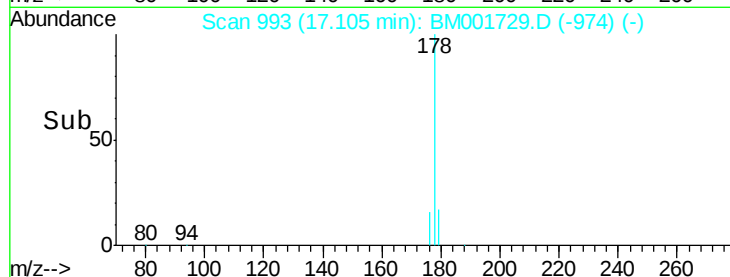
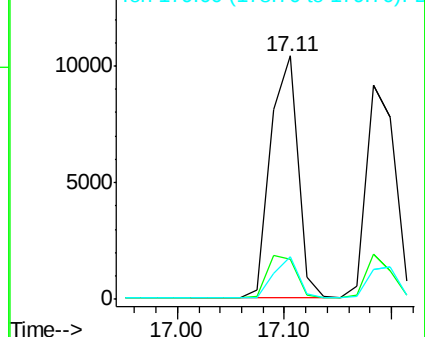
179 17.5 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 1.70 ng/ul

RT: 17.18 min Scan# 998

Delta R.T. -0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

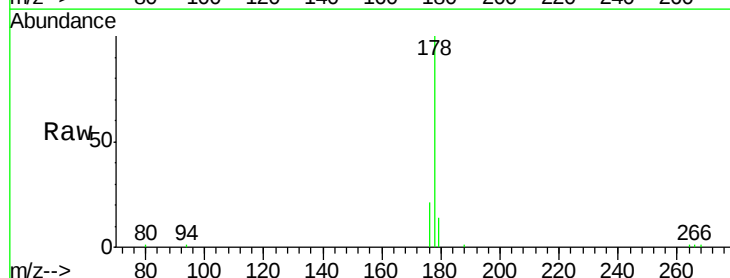
Tgt Ion:178 Resp: 17336

Ion Ratio Lower Upper

178 100

176 21.1 17.8 26.8

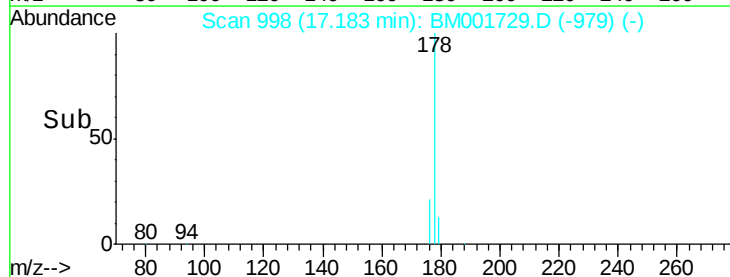
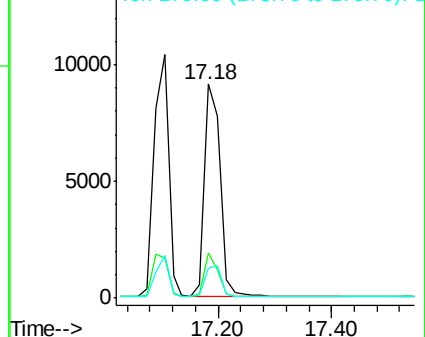
179 13.8 12.6 18.8

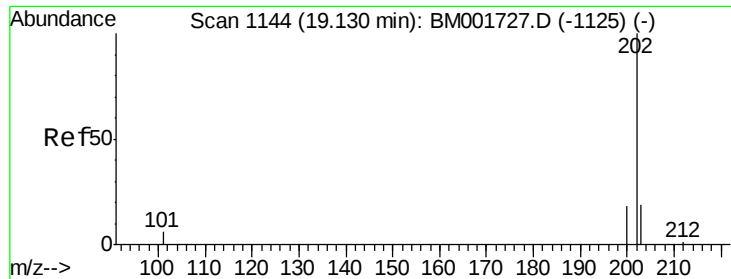


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

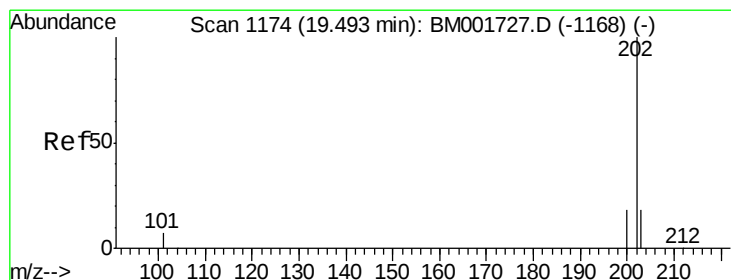
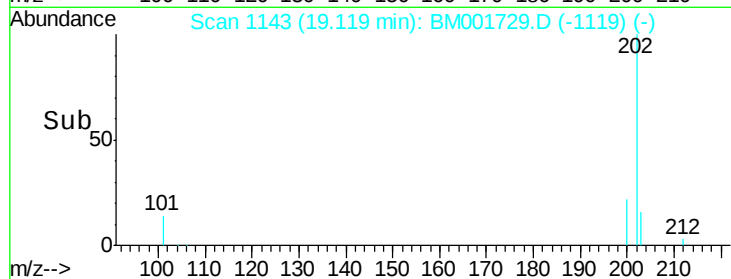
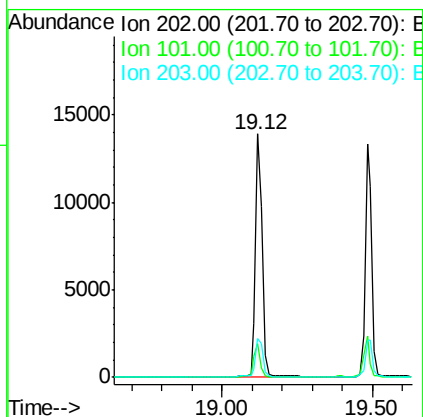
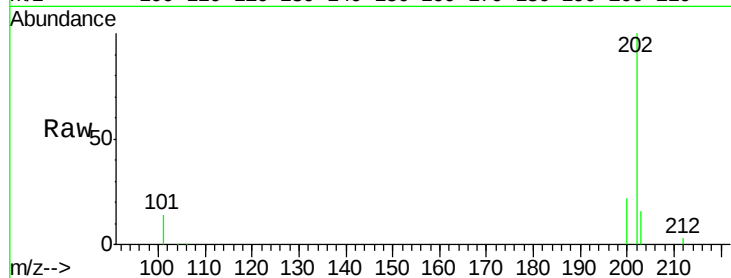




#15
Fluoranthene
 Concen: 1.70 ng/ul
 RT: 19.12 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BM001729.D
 Acq: 17 Jun 2015 21:51

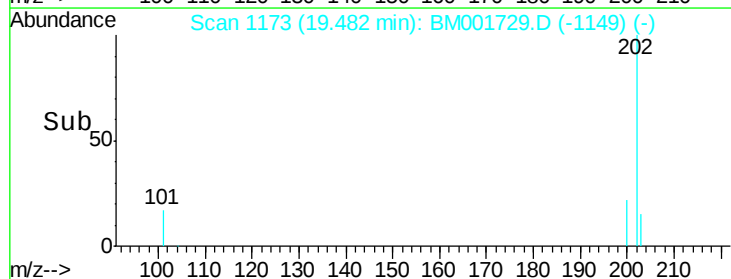
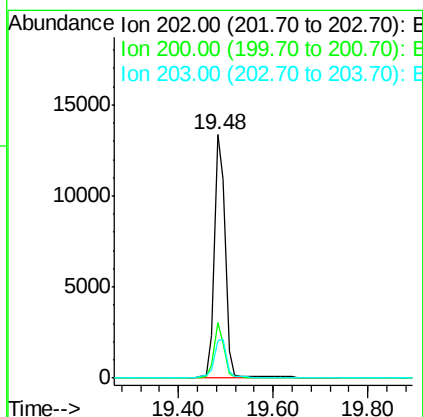
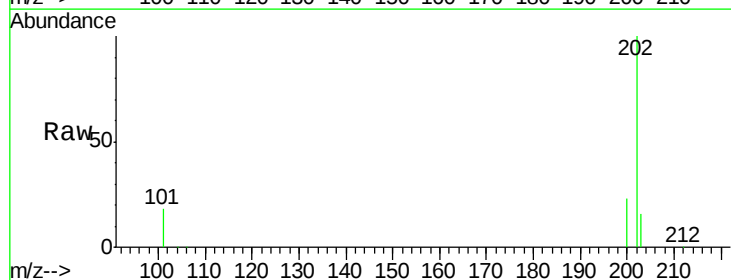
Instrument :
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 SSTD1.608

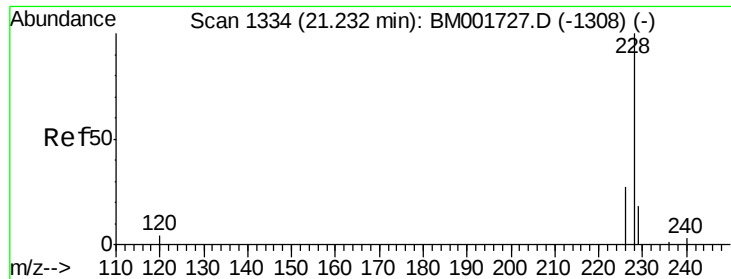
Tgt Ion: 202 Resp: 20655
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 27.5
 203 16.1 0.7 40.7



#17
Pyrene
 Concen: 1.52 ng/ul
 RT: 19.48 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BM001729.D
 Acq: 17 Jun 2015 21:51

Tgt Ion: 202 Resp: 20666
 Ion Ratio Lower Upper
 202 100
 200 22.7 15.7 23.5
 203 15.7 15.8 23.8#





#18

Benzo(a)anthracene

Concen: 1.61 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD1.608

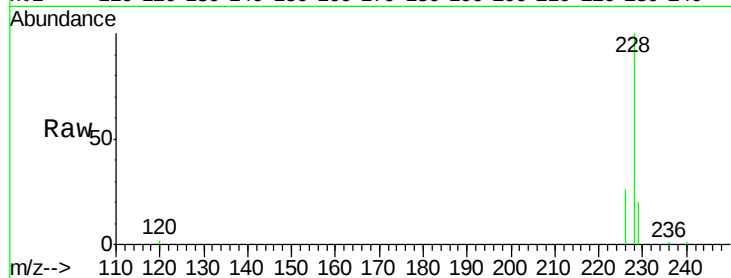
Tgt Ion:228 Resp: 17375

Ion Ratio Lower Upper

228 100

226 25.9 22.3 33.5

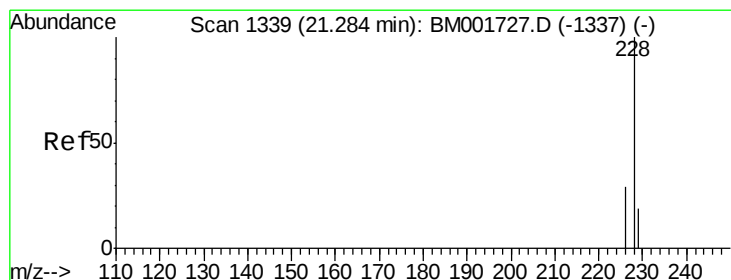
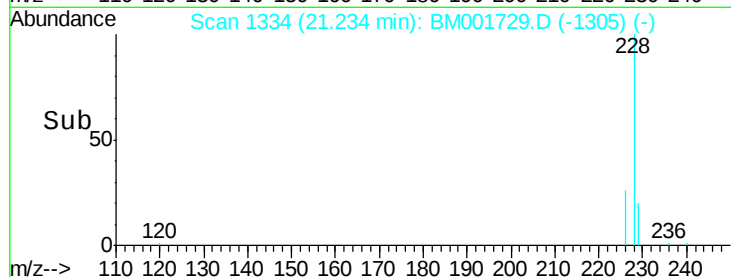
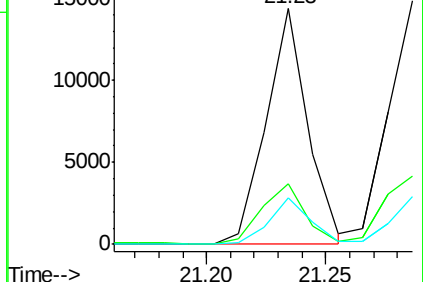
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#19

Chrysene

Concen: 1.54 ng/ul

RT: 21.29 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

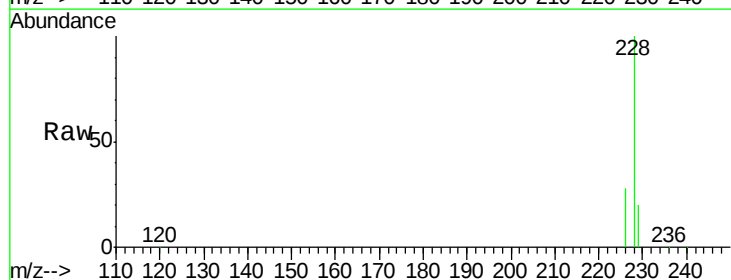
Tgt Ion:228 Resp: 18538

Ion Ratio Lower Upper

228 100

226 28.2 24.8 37.2

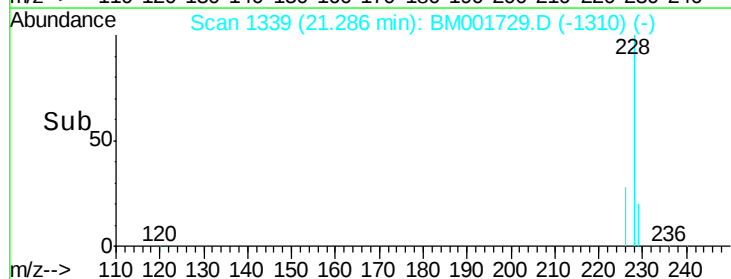
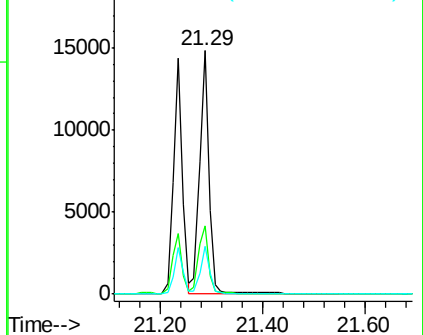
229 19.8 16.0 24.0

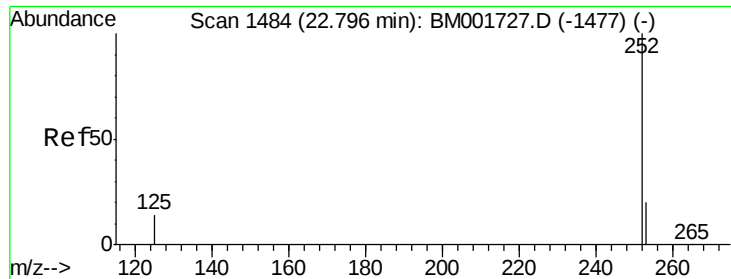


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.65 ng/u1

RT: 22.80 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD1.608

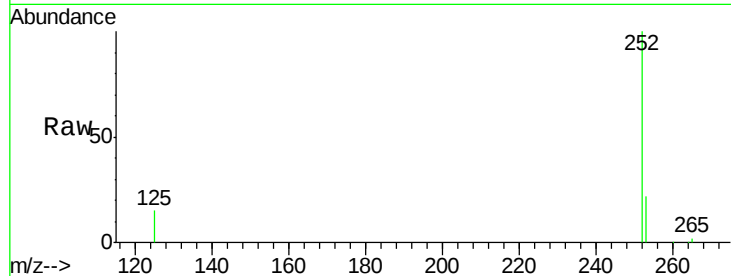
Tgt Ion:252 Resp: 17570

Ion Ratio Lower Upper

252 100

253 21.7 0.0 48.4

125 14.5 0.0 35.2

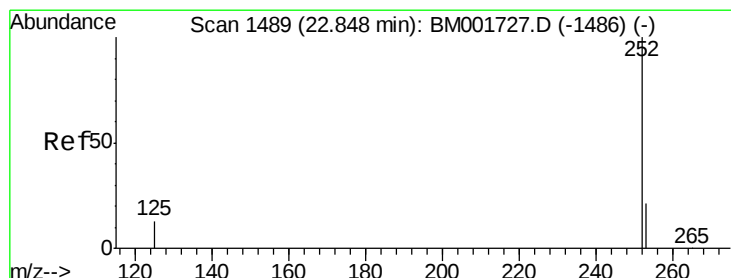
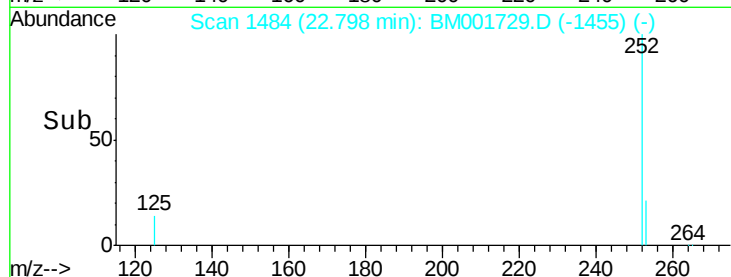
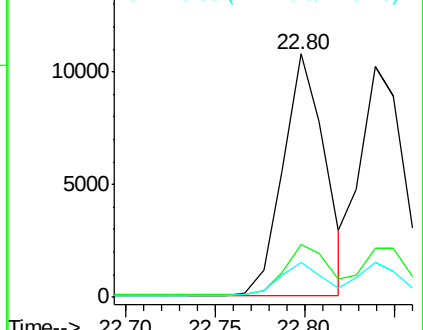


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 1.62 ng/u1

RT: 22.80 min Scan# 1484

Delta R.T. -0.05 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

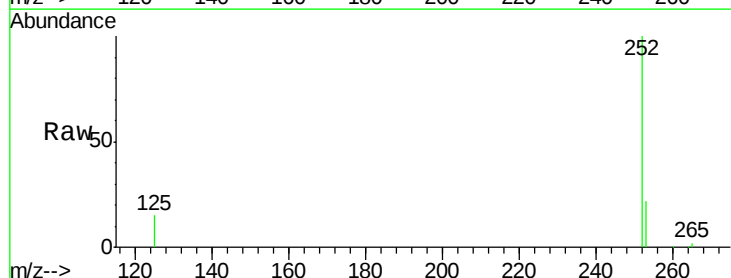
Tgt Ion:252 Resp: 17570

Ion Ratio Lower Upper

252 100

253 21.7 21.2 31.8

125 14.5 12.7 19.1

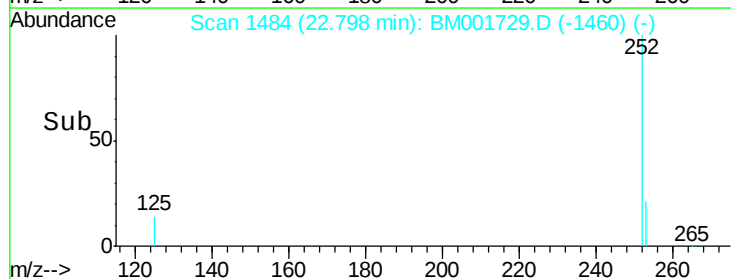
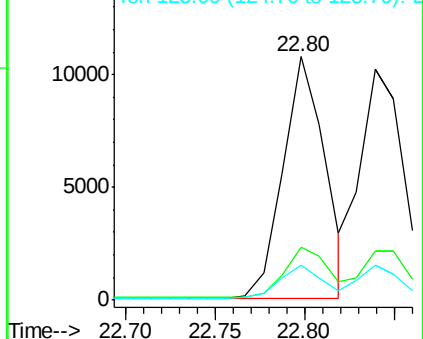


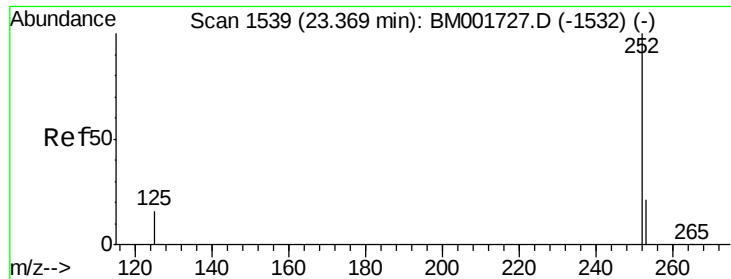
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.61 ng/ul

RT: 23.37 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

Instrument :

BNA_M

ClientSampleId :

SSTD1.608

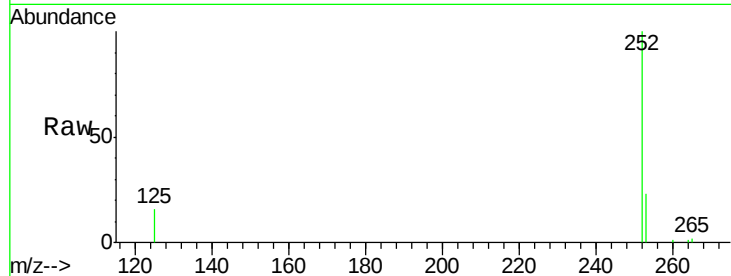
Tgt Ion:252 Resp: 16253

Ion Ratio Lower Upper

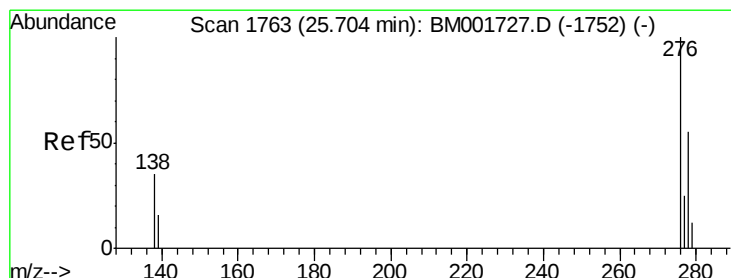
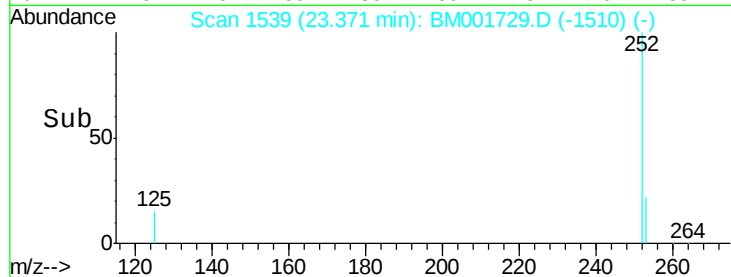
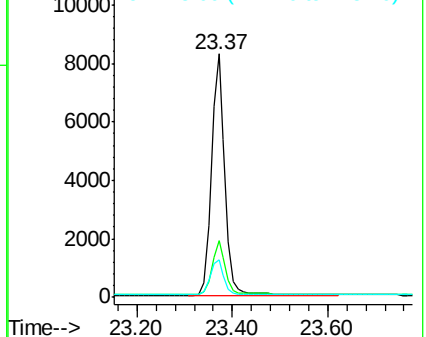
252 100

253 23.3 21.1 31.7

125 15.6 15.6 23.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.68 ng/ul

RT: 25.71 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM001729.D

Acq: 17 Jun 2015 21:51

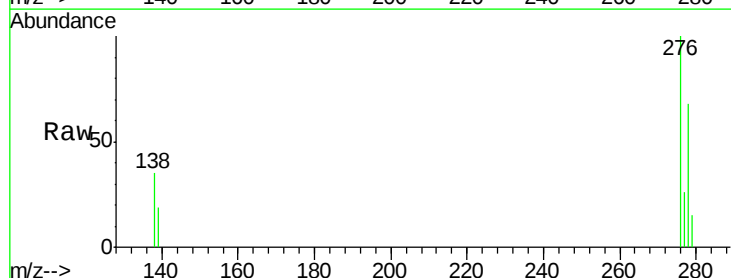
Tgt Ion:276 Resp: 18721

Ion Ratio Lower Upper

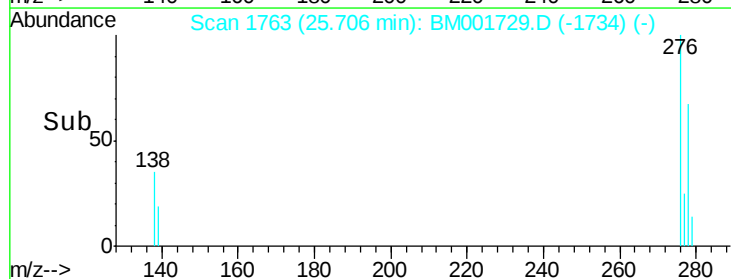
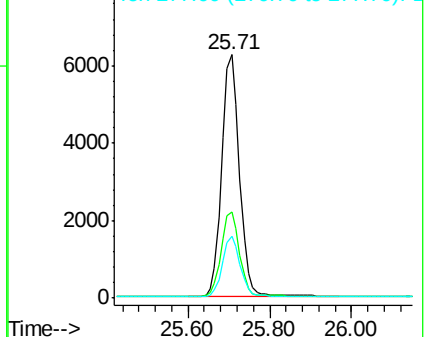
276 100

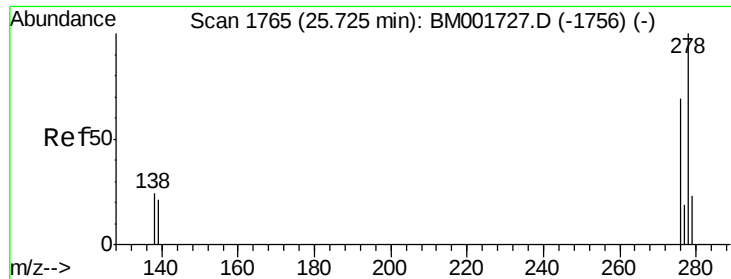
138 35.5 28.2 42.2

277 24.5 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



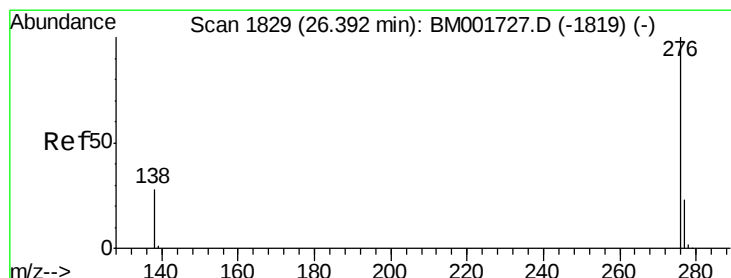
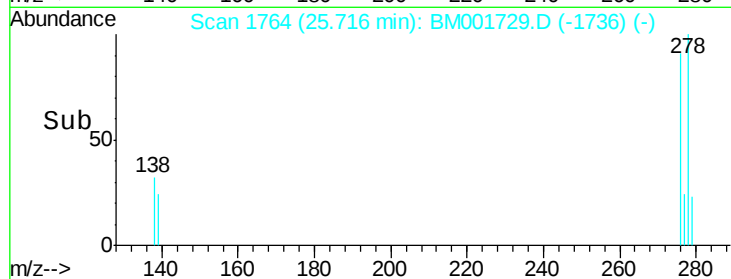
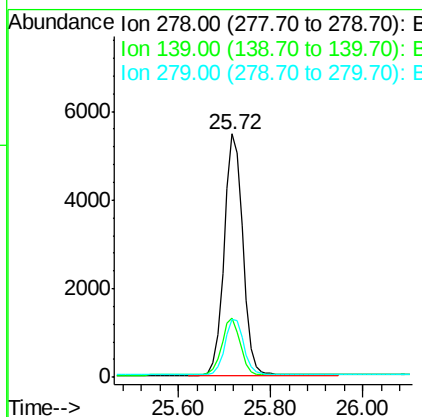
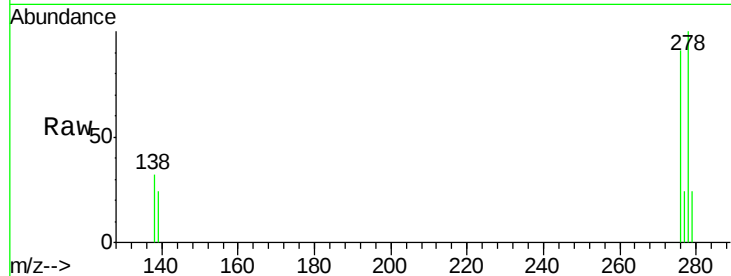


#25
Dibenzo(a,h)anthracene
Concen: 1.72 ng/ul
RT: 25.72 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM001729.D
Acq: 17 Jun 2015 21:51

Instrument :
BNA_M
ClientSampleId :
SSTD1.608

Tgt Ion: 278 Resp: 15289

Ion	Ratio	Lower	Upper
278	100		
139	24.4	20.1	30.1
279	23.7	22.6	33.8



#26
Benzo(g,h,i)perylene
Concen: 1.63 ng/ul
RT: 26.38 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM001729.D
Acq: 17 Jun 2015 21:51

Tgt Ion: 276 Resp: 16105

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.1	31.7
138	31.1	25.3	37.9

